



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh) and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Saturday, October 21, 2017  
Issued: 0800 CT

**Day 1 Weather Threats:** Enhanced Risk of severe storms beginning this afternoon over OK & N-Central TX.

Slight risk of severe storms extends into the rest of OK, N-Central TX and NW AR.

Isolated areas of heavy rainfall/flash flooding possible in these storms through the overnight hours.

**National Weather Service**

*Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX*



**Prepared by: Jennifer McNatt  
817-978-1100 x 147**

# Key Points



## Today into the overnight hours

- Enhanced risk of severe thunderstorms across OK into N-Central TX late this afternoon into tonight; Slight risk of severe thunderstorms extends into the rest of OK, NW AR and N-Central TX
  - Primary threats are damaging winds and large hail; a few tornadoes are also possible.
  - Isolated heavy rain/flash flooding also possible with these storms

## Sunday

- Showers and storms will be ongoing in the morning over eastern portions of the Region, but will quickly be moving east. Severe weather is not expected, but a few storms may produce heavy rainfall/isolated flash flooding early in the day.

## Monday - Wednesday

- No significant weather expected

## Tropical Outlook

- No new tropical cyclones are expected during the next five days

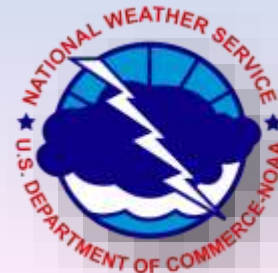
# FEMA Region 6 Threat Matrix

Oct 21. 201 - Oct 25. 201

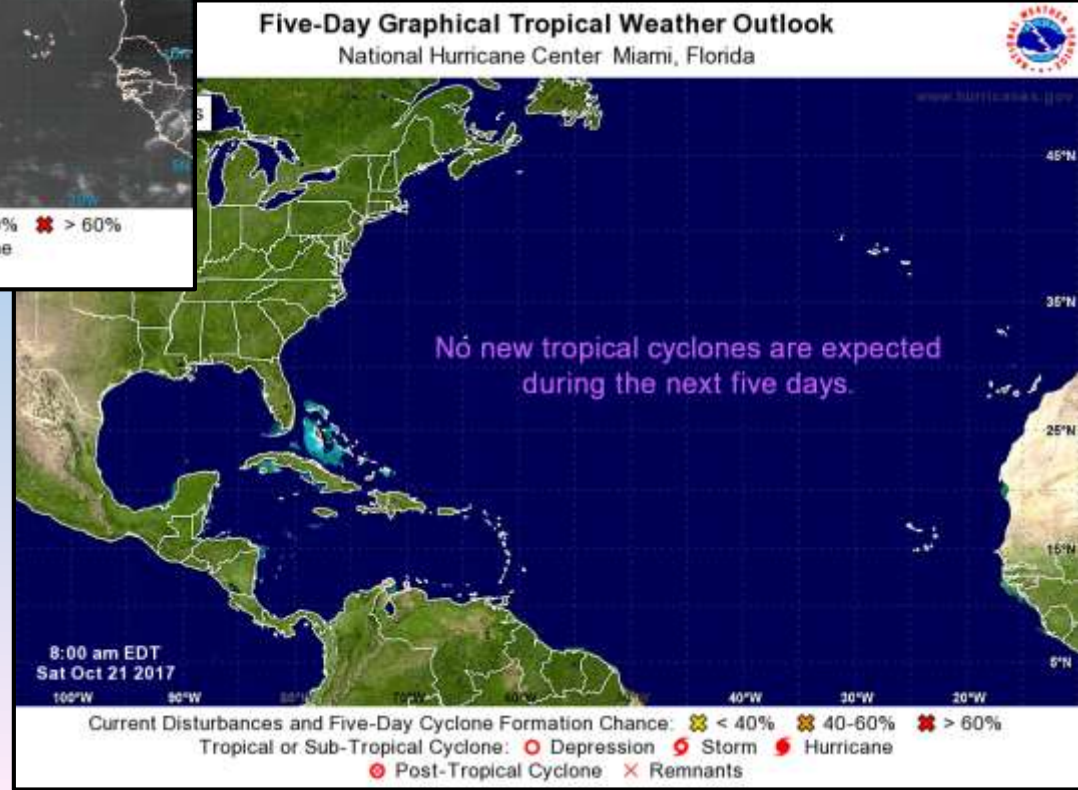
	SAT	SUN	MON	TUE	WED
Severe Weather	OK, N-Cntrl TX				
	OK, N-Cntrl TX, NW AR				
Heavy Rain / Flash Flooding	OK, E AR, N-Cntrl & NE TX				
Fire Weather					
River Flooding					
Tropical Weather					

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# Tropical Weather Outlook

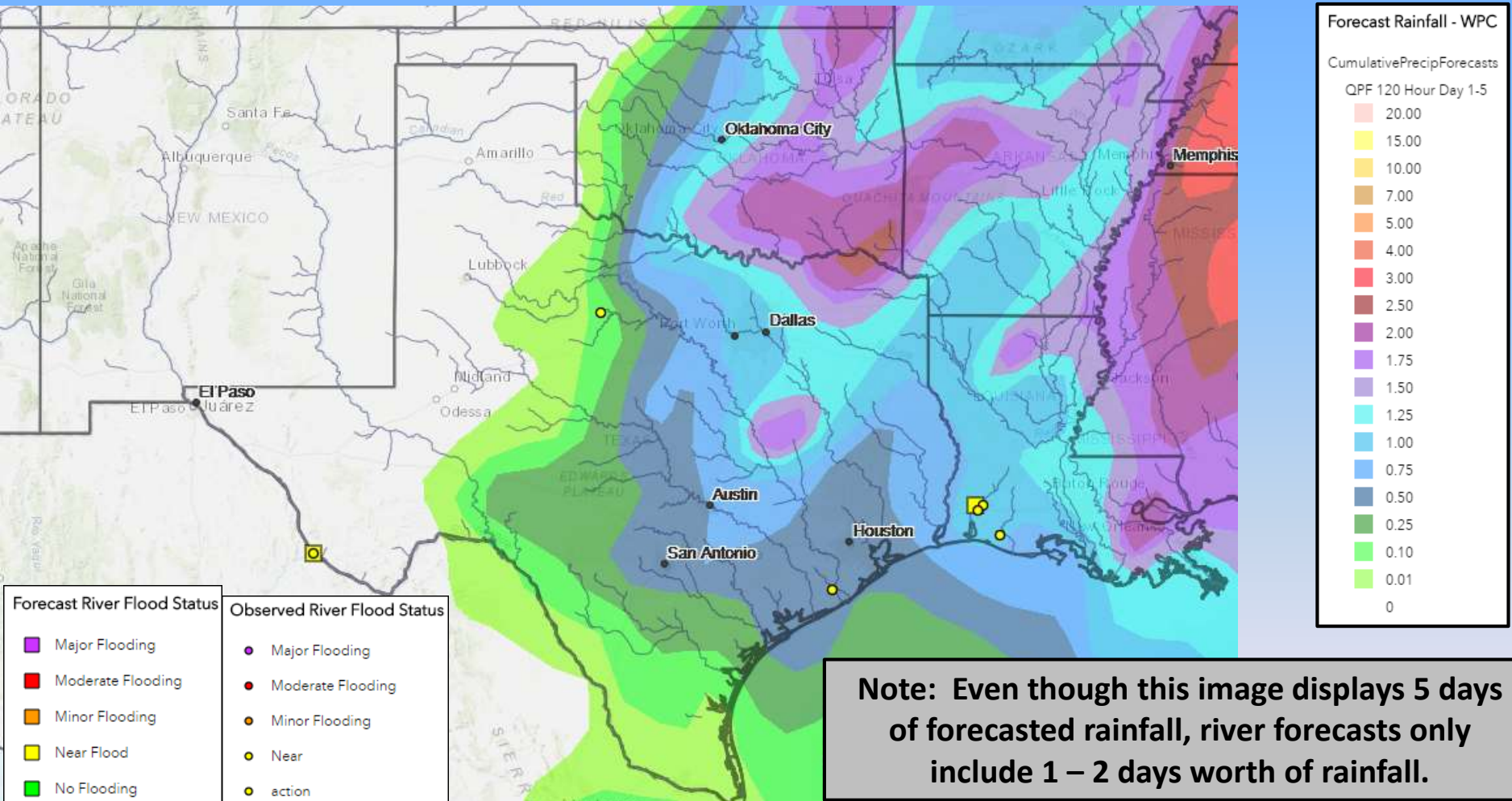




# 5-Day Precipitation Forecast & River Flood Status

**Rio Grande:** Higher flows will recede upstream of Presidio

Rain over OK/N TX/W AR will generally be much needed as most of these areas have been dry, isolated river flooding is still possible however.



For the latest on river flooding: <http://water.weather.gov/ahps>

# Today's Weather



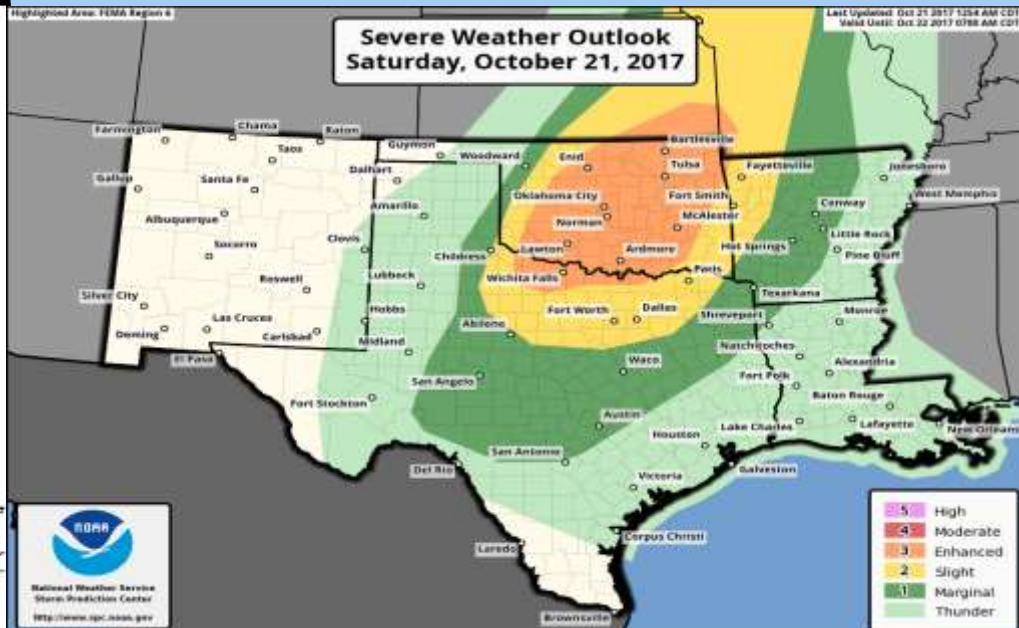
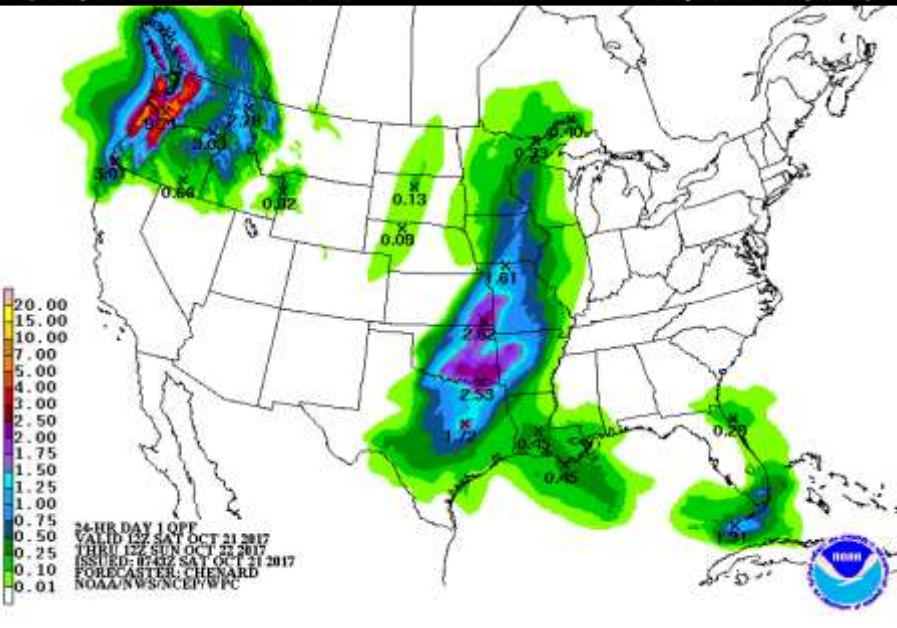
**Day 1 National Forecast Chart**  
Valid Sat, Oct 21, 2017, issued 4:53 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Santofeli with WPC/SPC/NHC forecasts

Rain  
Rain and T-Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T-Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)

Enhanced Risk of severe storms over OK & N-Central TX later tonight into the overnight hours. Primary hazards are damaging winds & large hail. Isolated tornadoes possible.

Slight Risk of severe storms extends into the rest of OK, NW AR and N-Central TX. Primary hazards are damaging winds & large hail. Isolated tornadoes possible.

Isolated areas of heavy rain/flash flooding will be possible over much of OK, N-Central & NE TX and W AR through Sunday morning.





# Tomorrow's Weather



Day 2 National Forecast Chart

Valid Sun, Oct 22, 2017, issued 4:58 AM EDT Sat, Oct 21, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Santorelli with WPC/SPC/NHC forecasts

Rain

Rain and T'Storms

Rain and Snow

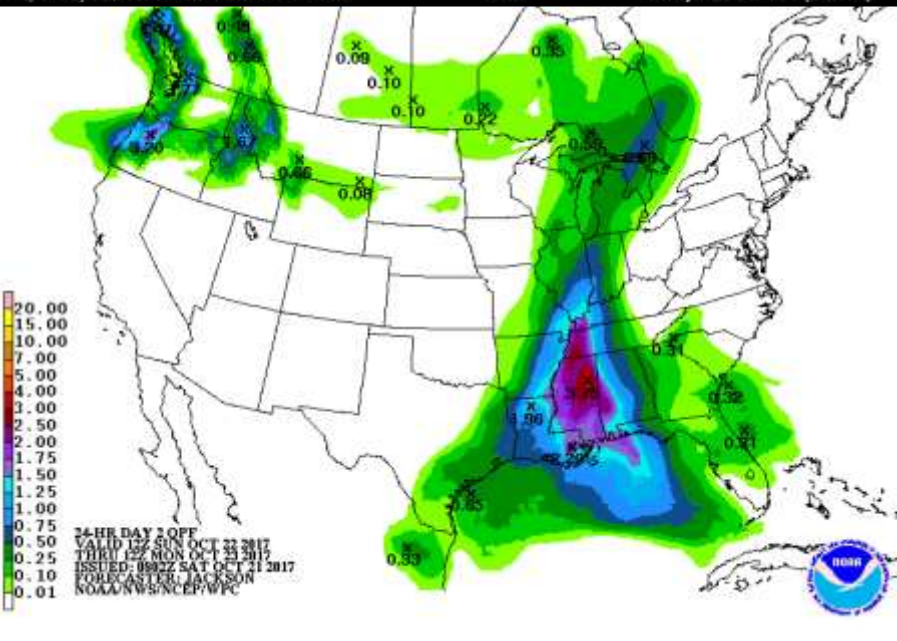
Snow

Flash Flooding Possible (hatched)

Severe T'Storms Possible (hatched)

Freezing Rain Possible (hatched)

Heavy Snow Possible (hatched)



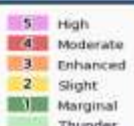
24-HR DAY 2 QPF  
VALID 12Z SUN OCT 22 2017  
THRU 12Z MON OCT 23 2017  
ISSUED 0922Z SAT OCT 21 2017  
FORECASTER JACKSON  
NOAA/NWS/NCEP/WPC

Showers and storms will be ongoing in the morning over eastern portions of the Region, but will quickly be moving east. Severe weather is not expected, but a few storms may produce heavy rainfall/isolated flash flooding early in the day.



Severe Weather Outlook  
Sunday, October 22, 2017

Last Updated: Oct 20 2017 11:45 PM CDT  
Valid Until: Oct 23 2017 07:00 AM CDT



# Monday's Weather

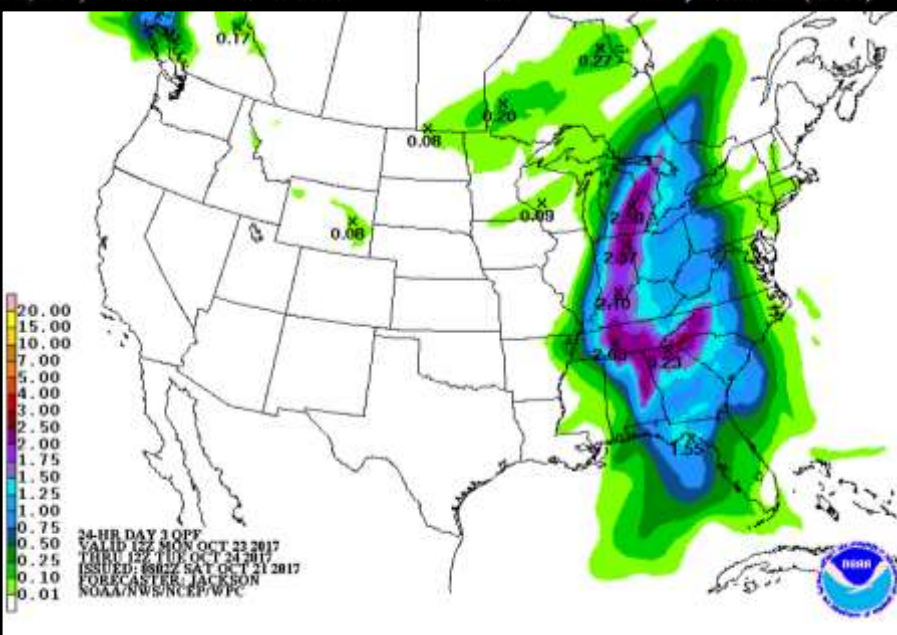


Day 3 National Forecast Chart

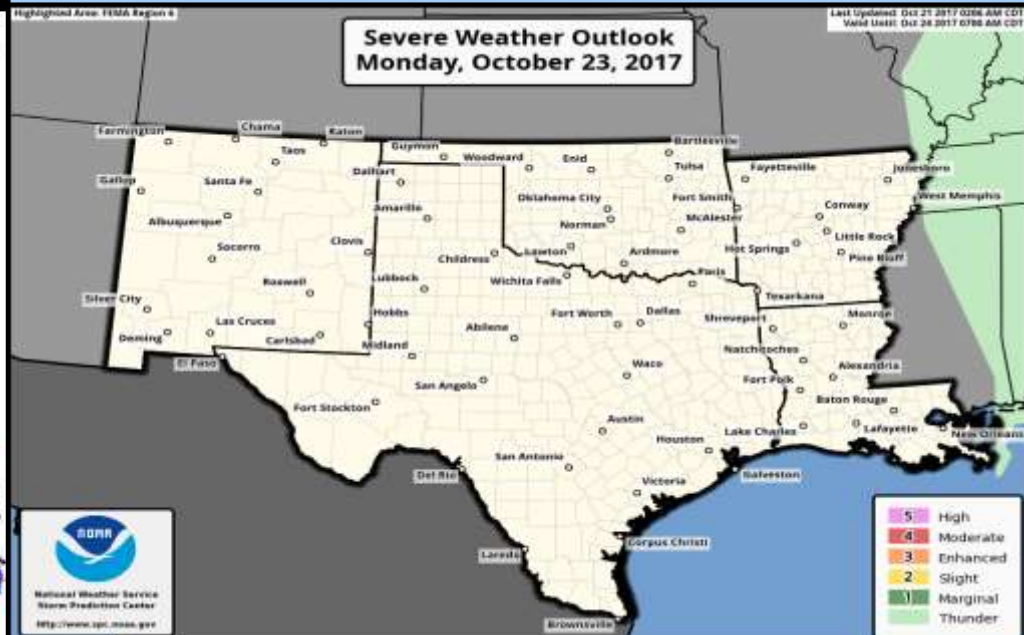
Valid Mon, Oct 23, 2017, issued 4:59 AM EDT Sat, Oct 21, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Santorelli with WPC/SPC/NHC forecasts

Rain  
Rain and T Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)

No significant weather expected.



34-HR DAY 3 OVF  
VALID 12Z MON OCT 23 2017  
TFRD 12Z FRI OCT 21 2017  
ISSUED 830Z SAT OCT 21 2017  
FORECASTER JACKSON  
NOAA/NWS/NCEP/WPC











# Day 4-5 Weather Hazards

Valid: 0800 Tue– 0800 Thu



**No Significant  
Weather Expected**

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

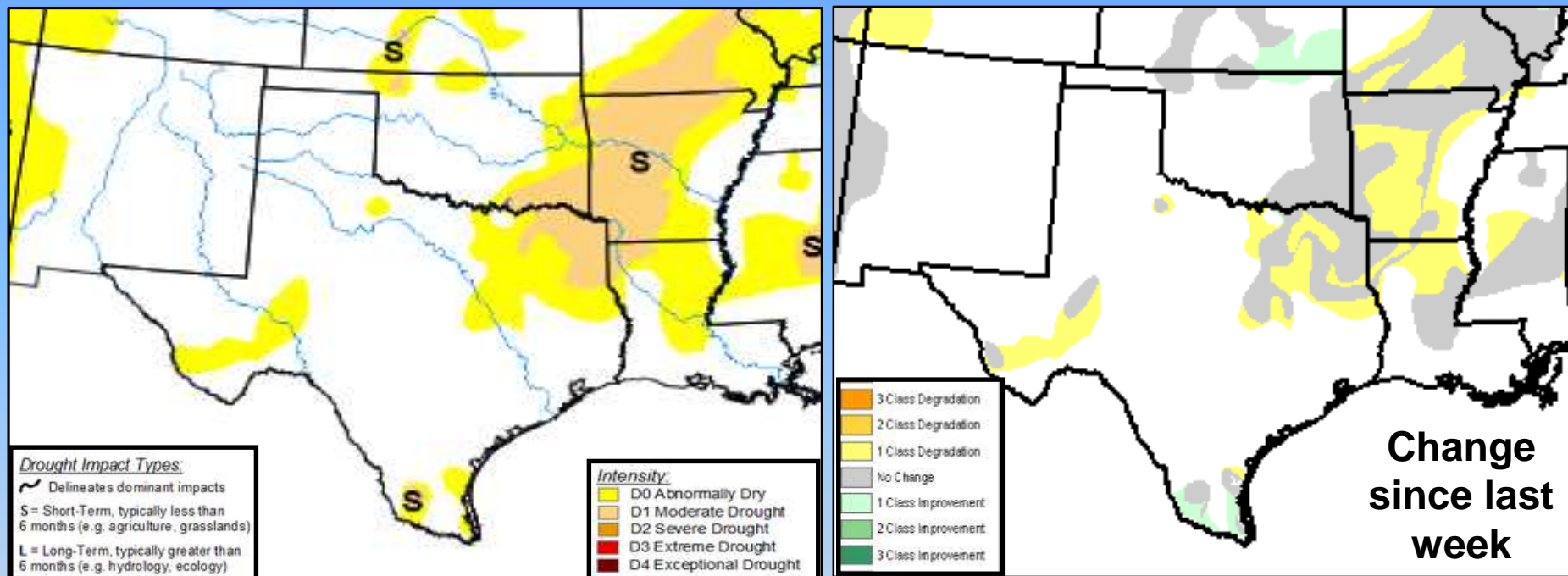
\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.





# Drought Monitor Released October 19, 2017

Data valid as of 7am CDT, Tuesday, October 17, 2017



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

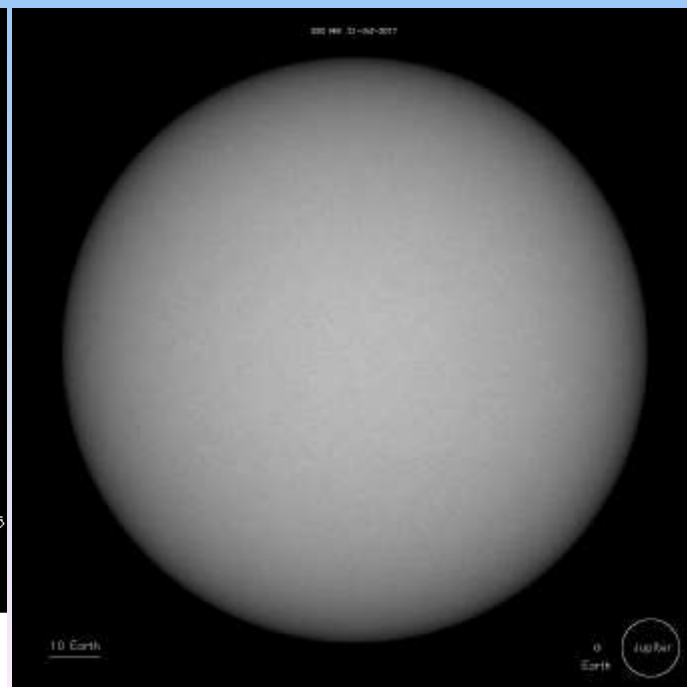
# Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Saturday	Sunday	Monday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	20%	20%	20%
Radio Blackout (R3-R5)	1%	1%	1%



Normal X-ray Background  
Product Valid At : 2017-10-21 12:41 UTC

Normal Proton Background  
NOAA/SWPC Boulder, CO USA



Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (682) 703-3747 **\*New Direct Number**  
E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)  
Web: <http://www.weather.gov/srh> (**NEW link!!**)

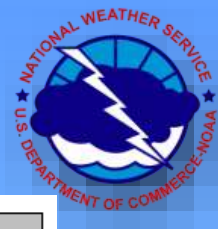
**facebook**

<https://www.facebook.com/NWSSouthern>

**twitter**

@NWS\_Southern\_US [https://twitter.com/NWS\\_Southern\\_US](https://twitter.com/NWS_Southern_US)

The criteria for the color codes in our briefings is below, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>